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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/540,940	06/23/2005	Boaz Ran	285/04607	3797
44909	7590	06/15/2007	EXAMINER	
WOLF, BLOCK, SCHORR & SOLIS-COHEN LLP			STAFIRA, MICHAEL PATRICK	
250 PARK AVENUE			ART UNIT	PAPER NUMBER
NEW YORK, NY 10177			2886	
MAIL DATE		DELIVERY MODE		
06/15/2007		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)
	10/540,940	RAN ET AL.
	Examiner	Art Unit
	Michael P. Stafira	2886

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on _____.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 14-25 and 45-50 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 14-17, 25, 46, 47, 49 and 50 is/are rejected.
- 7) Claim(s) 18-24 and 4548 is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 23 June 2005 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)	5) <input type="checkbox"/> Notice of Informal Patent Application
Paper No(s)/Mail Date _____	6) <input type="checkbox"/> Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 14-17, 25, 46, 47, 49, 50 are rejected under 35 U.S.C. 103(a) as being unpatentable over Thirstrup ('141).

Claim 14

Thirstrup ('141) discloses an array of light sources (Fig. 4b, Ref. 14, 26); a collimator (Fig. 4b, Ref. 15, 27) that directs light from each light source (Fig. 4b, Ref. 14, 26) in a collimated beam of substantially parallel light rays so that the light is incident on the sensor surface (Fig. 4b, Ref. 21, 30).

Thirstrup ('141) discloses the claimed invention except for a controller to turn off and on a light source in the array independently. It would have been obvious to one having ordinary skill in the art at the time the invention was made to combine Thirstrup ('141) with the controllability of the light sources since it was well known in the art that being able to control the different light source helps to prevent noise in the measurement if illuminated at the same time, therefore increasing the sensitivity of the measurement.

Claim 15

Thirstrup ('141) further discloses the array is a linear array having an array axis (See Fig.

4b, Ref. 14, 26).

Claim 16

Thirstrup ('141) further discloses the axis of the array and a normal to the sensor surface are substantially coplanar (See Fig. 4b).

Claim 17

Thirstrup ('141) further discloses the axis of the array and the normal are substantially perpendicular (See Fig. 4b).

Claim 25

Thirstrup ('141) further discloses an optical element having two parallel surfaces through which light from each light source passes before it is incident on the sensor surface and wherein the optical element is rotatable about an axis perpendicular to the normal so as to change an angle at which light from a given light source is incident on the sensor surface (See Fig. 4b, Ref. 16, 28).

Claim 46

Thirstrup ('141) discloses the light from each light source in the array illuminates the sensor surface at a same incident angle (See Fig. 4b).

Claim 47

Thirstrup ('141) discloses the light sources in at least a subset of light sources in the array provide light at substantially same wavelengths (Col. 11, lines 41-59).

Claim 49

Thirstrup ('141) discloses at least a subset of the light sources, light from each of the light sources in the subset illuminates the sensor surface at a same incident angle (See Fig. 4b).

Claim 50

Thirstrup ('141) further discloses the light sources in the subset provide light at different wavelengths (Col. 11-12, lines 41-19).

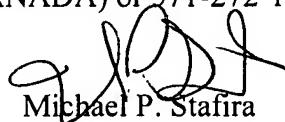
Allowable Subject Matter

3. Claims 18-24, 45, 48 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael P. Stafira whose telephone number is 571-272-2430. The examiner can normally be reached on 4/10 Schedule Mon.-Thurs..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tarifur Chowdhury can be reached on 571-272-2800 ext. 77. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Michael P. Stafira
Primary Examiner
Art Unit 2886

June 11, 2007